

ELECTRONIC FILTER ASSEMBLY

ABSTRACT OF THE DISCLOSURE

An electronic filter assembly comprises a housing, first and second circuit board surfaces, first and second cable TV filter circuits, a ground plane, and first and second electrical terminals. The housing includes first and second cable connectors in opposed relation to each other and contains an interior volume. The circuit board surfaces are in superposed relation to each other and engage the housing within the interior volume. The circuit board surfaces face away from each other in opposite directions. The cable TV filter circuits are mounted on the circuit board surfaces, respectively. The ground plane is disposed between the circuit board surfaces. The ground plane contacts the filter housing within the interior volume. The electrical terminals are coupled to the filter circuits. The first terminal extends into and is supported inside the first cable connector, and the second terminal extends into and is supported inside the second cable connector.